

Amendments to Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) A method for predicting the storage location of file comprising the steps of:

creating an initial storage index wherein each storage location entry in the index has a predetermined identifier;

retrieving an identifier for the file for which predictive storage is desired;

comparing the retrieved identifier with a set of file storage locations in a storage index;

determining whether there is a match between the a retrieved identifier and a storage location from the storage index;

marking an entry having an identifier that matches the file identifier;

determining whether there are more entries in the index to compare with the identifier of the file to be stored; and

storing the file in a ~~the~~ storage location matching the retrieved storage identifier.

Claim 2 (Canceled)

Claim 3 (Currently Amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

~~marking a storage entry having an identifier that matches the file identifier;~~
~~determining whether there are more storage entries in the index to compare with the identifier of the file to be stored;~~
determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier;
determining whether there is more than one entry matching the file identifier, when there is a determination that there are marked entries in the index; and
storing the file in the storage location with the matching identifier when there is only one storage entry matching the file identifier.

Claim 4 (Currently Amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

~~marking an entry having an identifier that matches the file identifier;~~
~~determining whether there are more entries in the index to compare with the identifier of the file;~~
determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier;
determining whether there is more than one entry matching the file identifier, when there is a determination that there are marked entries in the index;
retrieving a next file identifier when there is determination of more than one marked entry in the index; and
returning to said comparison step.

Claim 5 (Currently Amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

~~marking an entry having an identifier that matches the file identifier;~~
~~determining whether there are more entries in the index to compare with the identifier of the file;~~
retrieving a next file identifier and a next entry identifier for a marked entry; and
returning to said comparison step.

Claim 6 (Currently Amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

~~marking an entry having an identifier that matches the file identifier;~~
~~determining whether there are more entries in the index to compare with the identifier of the document;~~
determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier; and
creating a new storage location in which to store the file when there is a determination that there are no entries matching the file identifier.

Claim 7 (Original) The method as described in claim 6 further comprising the step of adding the newly created storage location to the storage location index.

Claim 8 (Currently Amended) The method as described in claim 2 wherein said ~~wherein~~ said match determination step further comprises the step of determining whether there are more entries in the index when there is a determination that there is not a match between the file identifier and an entry in the index.

Claim 9 (Original) The method as described in claim 8 further comprising the step of retrieving the next entry from the index when there is a determination that there are more entries in the storage location index and returning to said comparison step.

Claim 11 (Currently amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

- marking a storage location entry that matches the file identifier;
- determining whether there are more entries in the index to compare with the identifier of the file;
- determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier; and
- storing the file to a default storage location when there is a determination that there are no entries matching the file identifier.

Claim 12 (Currently Amended) The method as described in claim 1 2 further comprising after said match determination step, the steps of:

- marking a storage location entry that matches the file identifier;
- determining whether there are more entries in the index to compare with the identifier of the file;
- determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier; and
- retrieving a next file identifier and a next matching entry and returning to said comparison step, when there is a determination that there are no storage entry identifiers matching the file identifier.

Claim 13 (Canceled)

Claim 14 (Currently Amended) The method as described in claim 1 2 further comprising before said identifier retrieval step, the step of determining whether there is an activated user override and storing the file as designated by the user when there is a determination of an active user override.

Claim 15 (Canceled)

Claim 16 (Canceled)

Claim 17 (Canceled)

Claim 18 (Currently Amended) A computer program product in a computer readable storage medium for performing predictive file storage of a file comprising:

instructions for creating an initial storage location index wherein each entry in the index has a predetermined storage location identifier;

instructions for retrieving an identifier for the file for which predictive file storage is desired;

instructions for comparing the retrieved identifier with a set of storage location entries in a storage index;

instructions for determining whether there is a match with a storage location identifier from the storage index;

instructions for marking an entry having an identifier that matches the file identifier;

instructions for determining whether there are more entries in the index to compare with the identifier of the file to be stored; and

instructions for storing the file in the storage location matching the retrieved file identifier.

Claim 19 (Canceled)

Claim 20 (Currently Amended) The computer program product as described in claim 18
~~19~~ further comprising after said match determination instructions:

~~instructions for marking an entry having an identifier that matches the file
identifier;~~

~~instructions for determining whether there are more entries in the index to
compare with the identifier of the file;~~

instructions for determining whether there are any marked entries, when there is a
determination that there are no more entries in the index to compare with the file
identifier;

instructions for determining whether there is more than one storage entry
matching the file identifier, when there is a determination that there are marked entries in
the index; and

instructions for storing the file in the storage location with the matching identifier
when there is only one storage entry identifier matching the file identifier.

Claim 21 (Currently Amended) The computer program product as described in claim 18
~~19~~ further comprising after said match determination instructions:

~~instructions for marking an entry having an identifier that matches the file
identifier;~~

~~instructions for determining whether there are more entries in the index to
compare with the identifier of the file;~~

instructions for determining whether there are any marked entries, when there is a
determination that there are no more entries in the index to compare with the file
identifier;

instructions for determining whether there is more than one storage location
matching the file identifier, when there is a determination that there are marked entries in
the index;

instructions for retrieving a next file identifier to compare with the entries
matching the previous file identifier; and

instructions for returning to said comparison instructions.

Claim 22 (Canceled)

Claim 23 (Currently Amended) The computer program product as described in claim 18 ~~19~~ further comprising after said match determination instructions:

~~instructions for marking an entry that matches the file identifier;~~

~~instructions for determining whether there are more entries in the index to compare with the identifier of the document;~~

instructions for determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier; and

instructions for creating a new storage location in which to store the document when there is a determination that there are no entries matching the file identifier.

Claim 24 (Original) The computer program product as described in claim 23 further comprising instructions for adding the newly created storage location to the storage location index.

Claim 25 (Currently Amended) The method as described in claim 18 ~~19~~ wherein said match determination instructions further comprising instructions for determining whether there are more entries in the index when there is a determination that there is not a match between the file identifier and an entry in the index.

Claim 26 (Original) The computer program product as described in claim 25 further comprising instructions for retrieving the next storage location entry from the index when there is a determination that there are more entries in the storage location index and instructions for returning to said comparison instructions.

Claim 27 (Currently Amended) The computer program product as described in claim 18
~~19~~ wherein said match determination instructions further comprise:

instructions for determining whether there are more entries in the index when there is a determination that there is not a match between the file identifier and an entry in the index;

instructions for determining whether there are any marked entries when there is a determination that there are no more entries in the index to compare with the file identifier;

instructions for determining whether there is more than one folder matching the file identifier, when there is a determination that there are marked entries in the index; and

instructions for storing the file in identifier matching the file the matching storage location when there is only one storage location identifier.

Claim 28 (Currently Amended) The computer program product as described in claim 18
~~19~~ further comprising after said match determination instructions:

~~instructions for marking an entry in the index that matches the file identifier;~~

~~instructions for determining whether there are more entries in the index to compare with the identifier of the file;~~

instructions for determining whether there are any marked entries, when there is a determination that there are no more entries in the index to compare with the file identifier; and

instructions for storing the file to a default storage location when there is a determination that there are no entries matching the file identifier.

Claim 29 (Currently Amended) The computer program product as described in claim 18
~~19~~ further comprising after said match determination instructions:

~~instructions for marking an entry having an identifier that matches the file
identifier;~~

~~instructions for determining whether there are more entries in the index to
compare with the identifier of the file;~~

instructions for determining whether there are any marked entries, when there is a
determination that there are no more entries in the index to compare with the file
identifier; and

instructions for retrieving a next file identifier and returning to said comparison
instructions, when there is a determination that there are no entries matching the file
identifier.

Claim 30 (Canceled)

Claim 31 (Currently Amended) The computer program product as described in claim 18
~~19~~ further comprising before said identifier retrieval instructions, instructions for
determining whether there is an activated user override and storing the file as designated
by the user when there is a determination of an active user override.

Amendments to Drawings:

Applicant has amended Figures 2, 3 and 4 in accordance with the examiner's instructions.